

ABSTRACT

Solvent based poly(urethane/urea) resins suitable for formulating flexographic and gravure laminating printing ink and coating compositions formed from a poly(urethane) prepolymer solution made from a blend of polymeric diols and diols reacted with diisocyanates and then with diamine in an organic solvent. The resin is prepared by adding the poly(urethane) prepolymer solution at a controlled rate to the diamine in a organic solvent which allows a resin solution to be formed, which may be used in the formulation of laminating printing ink and coating compositions without the need for adjuvants, grinding in polyvinyl butyral or blending with nitrocellulose base.